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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/022,998	12/18/2001	Kamel M. Shaheen	I-2-196.1US	4250
24374	7590	07/31/2006	EXAMINER	
VOLPE AND KOENIG, P.C. DEPT. ICC UNITED PLAZA, SUITE 1600 30 SOUTH 17TH STREET PHILADELPHIA, PA 19103			HSU, ALPUS	
			ART UNIT	PAPER NUMBER
			2616	

DATE MAILED: 07/31/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

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Office Action Summary	Application No. 10/022,998	Applicant(s) SHAHEEN ET AL.	
	Examiner Alpus H. Hsu	Art Unit 2616	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 22 May 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

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1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

3. Claims 1-20 are rejected under 35 U.S.C. 103(a) as being unpatentable over RASANEN et al. in Pub. No. US 2004/0028037 A1 (of record), hereinafter referred as RASANEN et al. in view of CHAPURAN et al. in U.S. Patent No. 6,967,933 (newly cited), hereinafter referred to as CHAPURAN.

Referring to claims 1-5, RASANEN discloses a method for making efficient use of air link resources and network capacity in a mobile telecommunication system having at least one network (5, 6, 7, 9 and 12) supporting communications between two user equipments (UEs) (2 and 11 or 2 and 16), said method comprising the steps of: (a) a first one of said two UEs generating a session initialization protocol (SIP) message to a second one said two UEs setting forth various media types and requesting which of the media types set forth said second UE can accommodate; (b) said first UE transmitting the SIP message created at step (a) to a proxy call

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state control function of said network; (c) said network modifying the SIP message from said first UE based on the connection parameter information changed; (d) transmitting the modified SIP message to said second one of said UEs; (e) said second UE determining media types said second UE will accommodate; (f) modifying the message received at step (d) from said first UE based on the connection information parameter changed at said second UE; (g) said second UE transmitting a session progress message to said network; (h) said network transmitting the session progress message received at step (g) to said first UE; (i) authorizing network resources using a session requested by the session progress message; (j) said first UE determining media types of the session progress message; (k) said first UE transmitting a final session progress message to the second UE through said network; and (l) said second UE reserving resources responsive to receipt of the final session progress message (see paragraph [0047] to [0050], [0068] to [0078] and [0079]).

RASANEN differs from the claims, in that, it does not disclose the feature of modifying the SIP message by deleting from said message any media not supported by said network. However, RASANEN does disclose that the connection parameter information defines the media components and formats (see paragraph [0069]). Therefore, the modification of the SIP message would inherently include the deletion of certain unsupported or unauthorized media types as per user's request. The deletion of media types in SIP message is also well known in the art for resource allocation conservation.

CHAPURAN, for example, from the similar field of endeavor, teaches the modification of the SIP message by deleting from said message media types not supported by said network (see col. 5, line 53 to col. 6, line 4, col. 9, lines 16-35, col. 10, lines 23-33). Therefore, it would

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have been obvious to one of ordinary skill artisan to adopt the feature of deletion of media types in SIP message in the method of RASANEN, to maximizing the resource allocation for the system to further improve the system efficiency.

Referring to claims 6-7, RASANEN discloses the further steps of: (m) said first UE reserving resources for a session and reporting availability of the resources to the second UE using a success message; and (n) the second UE, responsive to receipt of the message transmitted, transmitting an OK message to the first UE using a different CODEC; (o) said first UE, responsive to the OK message, sending a second success message to the second UE and setting up to receive the different CODEC; and (p) said second UE sending using a new CODEC to the first UE responsive to the acknowledge received at step (o) (see paragraph [0057]).

Referring to claims 8-10, RASANEN discloses a method for making efficient use of air link resources and network capacity in a mobile telecommunication system having a plurality of networks (5, 6, 7, 9, 10 and 12) supporting communications between first and second user equipments (UEs) (2 and 11 or 2 and 16), said method comprising the steps of: (a) said first UE generating a session initialization protocol (SIP) message requesting media types which said second UE can accommodate; (b) said first UE transmitting the SIP message to a proxy call state control function of one of said networks; (c) said one network modifying the SIP message based on the connection parameter information changed; (d) said one network transmitting the modified message to a said second UE through a second one of said networks; (e) said second UE, responsive to receipt of the modified message transmitted at step (d), determining the media types said second UE will accommodate; and (f) said second UE transmitting a session progress

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message with the determined media types (see paragraph [0047] to [0050], [0068] to [0078] and [0079]).

RASANEN differs from the claims, in that, it does not disclose the feature of modifying the SIP message by deleting from said message any media not supported by said network. However, RASANEN does disclose that the connection parameter information defines the media components and formats (see paragraph [0069]). Therefore, the modification of the SIP message would inherently include the deletion of certain unsupported or unauthorized media types as per user's request. The deletion of media types in SIP message is also well known in the art for resource allocation conservation.

CHAPURAN, for example, from the similar field of endeavor, teaches the modification of the SIP message by deleting from said message media types not supported by said network (see col. 5, line 53 to col. 6, line 4, col. 9, lines 16-35, col. 10, lines 23-33). Therefore, it would have been obvious to one of ordinary skill artisan to adopt the feature of deletion of media types in SIP message in the method of RASANEN, to maximizing the resource allocation for the system to further improve the system efficiency.

Referring to claims 11-17, RASANEN discloses a method for making efficient use of air link resources and network capacity mobile telecommunication system having a plurality of networks (5, 6, 7, 9, 10 and 12) supporting communications between first and second user equipments (UEs) (2 and 11 or 2 and 16), said method comprising the steps of: (a) said first UE generating a session initialization protocol (SIP) message requesting media type which said second UE can accommodate; (b) said first UE transmitting the SIP message created at step (a) to a proxy call state control function of one of said networks; (c) said one network modifying the

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message based on the connection parameter information changed; (d) said one network transmitting the modified message to a second one of said networks; (e) said second one of said networks, responsive to receipt of the modified message transmitted at step (d), transmitting the message to said second UE through a third one of said networks; (f) said third network modifying the message received at step (e), based on the connection parameter information changed for said second UE; (g) said second UE determining the media types said second UE will accommodate; (h) said second UE transmitting a session progress message having the determined media types to said third network; and (i) said third network transmitting said session progress message to said first UE through said first and second networks (see paragraph [0047] to [0050], [0068] to [0078] and [0079]).

RASANEN differs from the claims, in that, it does not disclose the feature of modifying the SIP message by deleting from said message any media not supported by said network. However, RASANEN does disclose that the connection parameter information defines the media components and formats (see paragraph [0069]). Therefore, the modification of the SIP message would inherently include the deletion of certain unsupported or unauthorized media types as per user's request. The deletion of media types in SIP message is also well known in the art for resource allocation conservation.

CHAPURAN, for example, from the similar field of endeavor, teaches the modification of the SIP message by deleting from said message media types not supported by said network (see col. 5, line 53 to col. 6, line 4, col. 9, lines 16-35, col. 10, lines 23-33). Therefore, it would have been obvious to one of ordinary skill artisan to adopt the feature of deletion of media types

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in SIP message in the method of RASANEN, to maximizing the resource allocation for the system to further improve the system efficiency.

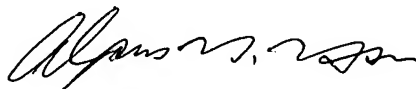
Referring to claim 18, see the rejection applies to claim 1.

Referring to claims 19 and 20, see the rejections apply to claims 8 and 11, respectively.

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alpus H. Hsu whose telephone number is (571)272-3146. The examiner can normally be reached on M-F (5:30-3:00) First Friday Off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wellington Chin can be reached on (571)272-3134. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



AHH

Alpus H. Hsu
Primary Examiner
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